WANO’s Role in Nuclear Power Programmes

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George Felgate, WANO Managing Director
World Association of Nuclear Operations (WANO)

- Primary focus in nuclear safety

- Every operating commercial nuclear reactor is a member of WANO (436 in 31 countries)

- WANO Programmes
  - Peer reviews (includes corporate, follow-up and pre-startup reviews)
  - Operating experience
  - Technical support and exchange
    - Technical support missions
    - Performance indicators
    - Guidelines and good practices
  - Professional and technical development
Industry Challenges

- New entrants to the nuclear community
- Expansion of existing nuclear programs
- Ageing plants and ageing workforce
- Current high levels of industry performance
- Continued safe operation of the current fleet of nuclear units
WANO Roles in Human Resource Development

- Establishing the proper culture as the unit is constructed

- Strategies for developing new nuclear “citizens”

- Strategies for developing middle level managers
WANO Roles in Human Resource Development

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Excellent Construction Behaviors (examples)

- Visible, consistent message that doing it correctly is first priority

- Every error and every defect is reported

- Compliance with all work processes
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Key Messages for New Nuclear Workers

- Nuclear is “different”
  - Stored energy
  - Radioactivity is a byproduct
  - Decay heat

- The most important lessons from the past
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- Strategies for developing middle level managers
Development of Middle Level Managers

- WANO courses and seminars
- WANO secondment
- WANO peer reviews or OSART missions
- Case study discussions
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